Spail

1. An electrical connector for connection to a mating connector comprising a substrate supporting a contact for making electrical connection with a corresponding contact on the mating part, wherein the contact of the electrical connector is a resiliently deformable hollow projection.

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- 2. A connector as claimed in claim 1 wherein an exterior surface of the contact is generally convex.
- 3. A connector as claimed in claim 1 wherein the contact is generally dome-shaped.
 - 4. A connector as claimed in claim 1 wherein the contact comprises a metal.

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- 5. A connector as claimed in claim 1 wherein the contact comprises an insulating material treated so as to be conductive.
- 6. A connector as claimed in claim 1 wherein the substrate comprises a Printed Circuit Board (PCB).

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- 7. A connector as claimed in claim 6 wherein the PCB is flexible.
- 8. A connector as claimed in claim 1 wherein the substrate supports a conductive track electrically coupled to the contact.

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- 9. A connector as claimed in claim 1 including means for retaining the mating part in contact with the connector.
- 10. A connector as claimed in claim 1 wherein the contact is secured in position on the substrate using solder.

- 11. A connector as claimed in claim 1 wherein the connector comprises a plurality of contacts.
- 12. A connector as claimed in claim 1 wherein the substrate supports a5 contact on each of two opposing surfaces of the substrate.



13. A connector as claimed in claim 12 wherein the connector is arranged to make contact with two mating parts arranged on opposing sides of the substrate.

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- 14. A connector as claimed in claim 1 wherein the connector is for use as a smart card reader
- 15. A connector as claimed in claim 14 wherein the smart card is a SIM card for use with a portable telephone.
 - 16. A portable telephone comprising a connector according to claim 1.

